

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): A process for handling incoming telephone calls for a subscriber line of a telecommunications network while an online data-network session is blocking the subscriber line, wherein a terminal sets up a connection to an access device of an online data network via the subscriber line, and the access device sends current access data to the terminal the process comprising the steps of:

the terminal ~~signalling~~signaling the current access data to a service computer of the telecommunications network,

a switching ~~centre~~center of the telecommunications network ~~signalling~~signaling to the service computer the fact that an incoming call destined for the subscriber line is waiting at the switching center, and

the service computer supplying at least one predetermined service for the purpose of processing the incoming call.

2. (currently amended): A process according to Claim 1, ~~characterised in that~~wherein by way of a predetermined service the service computer sends a message to the terminal in which attention is drawn to the incoming call.

3. (currently amended): A process according to Claim 1, ~~characterised in~~
~~that~~wherein by way of a predetermined service the service computer forwards the incoming call
to an alternative destination.

4. (currently amended): A process according to Claim 1, ~~characterised in~~
~~that~~wherein by way of a predetermined service the service computer forwards the incoming call
to the terminal via the online data network.

5. (currently amended): A process according to Claim 1, ~~characterised in~~
~~that~~wherein by way of a predetermined service the service computer instructs one of the
switching ~~centre~~center and the terminal to break off or to interrupt the online data-network
session blocking the subscriber line and in that the switching ~~centre~~center signals the incoming
call on the subscriber line.

6. (currently amended): A process according to Claim 1, ~~characterised in~~
~~that~~wherein:

by way of a predetermined service the service computer sends a selection menu to the
terminal, by means of which a selection of possible follow-up services for the purpose of
processing the incoming call is offered,

the terminal ascertains a selection that has been made by an operator in the selection
menu,

the terminal sends the selection to the service computer, and

the service computer supplies the follow-up service defined in the selection.

7. (currently amended): A process according to Claim 1, ~~characterised in~~
~~that~~wherein the service computer sends an instruction to the switching ~~centre~~center to signal to
the service computer the fact that an incoming call destined for the subscriber line is waiting if
the terminal has set up the connection to the access device of the online data network via the
subscriber line.

8. (currently amended): A process according to Claim 1, ~~characterised in~~
~~that~~wherein the switching ~~centre~~center signals to the service computer a clear-down of the
connection blocking the subscriber line.

9. (currently amended): A process according to Claim 1, ~~characterised in~~
~~that~~wherein when a call comes in that is directed to a special call number which has been set up
in the switching ~~centre~~center, the switching ~~centre~~center signals to the service computer the fact
that an incoming call destined for the subscriber line is waiting.

10. (currently amended): A service computer for handling incoming telephone calls
for a subscriber line of a telecommunications network while an online data-network session of a
terminal is blocking the subscriber line, the service computer comprising:

a receiver configured in such a way that the service computer can receive access data sent
from the terminal which the terminal has received from an access device of an online data
network in the course of the setting-up of a connection to the online data network via the
subscriber line, and further configured such that the service computer can receive a message

from a switching ~~centre~~center of the telecommunication network in which the switching ~~centre~~center signals to the service computer the fact that an incoming call destined for the subscriber line is waiting at the switching center;

a memory configured in such a way that the service computer can store the access data;
and

a service supply configured in such a way that the service computer can supply at least one predetermined service for the purpose of processing the incoming call with the aid of the access data.

11. (currently amended): A switching ~~centre~~center for handling incoming telephone calls for a subscriber line of a telecommunications network while an online data-network session of a terminal is blocking the subscriber line, said switching ~~centre~~center comprising:

a receiver configured in such a way that the switching ~~centre~~center can receive and hold an incoming call destined for the subscriber line while the subscriber line is blocked by an online data-network session of the terminal;

a recognition apparatus configured in such a way that the switching ~~centre~~center can ~~recognise~~recognize that the terminal has set up a connection blocking the subscriber line; and

a transmitter configured in such a way that the switching ~~centre~~center can send a message to a service computer if an incoming call destined for the subscriber line is waiting while the subscriber line is blocked by an online data-network session of the terminal,

wherein the terminal signals access data to the service computer to aid in providing services for handling incoming calls for the blocked subscriber line, said access data being sent from an access device to the terminal.

12. (currently amended): A terminal for handling incoming telephone calls for a subscriber line of a telecommunications network while an online data-network session of the terminal is blocking the subscriber line, the terminal comprising:

a receiver configured in such a way that the terminal can receive current access data from an access device of an online data network which the access device sends to the terminal in the course of the setting-up of a connection to the online data network via the subscriber line, and

a transmitter configured in such a way that the terminal can send the current access data to a service computer of the telecommunications network, which with the aid of the access data can supply at least one predetermined service for the purpose of processing an incoming call waiting at a switching ~~centre~~ center due to the online data-network session of the terminal blocking the subscriber line.

13. (currently amended): A terminal for handling incoming telephone calls for a subscriber line of a telecommunications network while an online data-network session of the terminal is blocking the subscriber line, the terminal comprising:

a receiver configured in such a way that the terminal can receive instructions from a service computer which, with a view to supplying at least one predetermined service for the purpose of processing the incoming call waiting at a switching ~~centre~~ center due to the online

data-network session of the terminal blocking the subscriber line, the service computer sends off to the terminal with the aid of access data which the service computer has obtained from the terminal after a connection from the terminal to the online data network has been set up via the subscriber line, and

execution apparatus configured in such a way that the terminal can execute the instructions.

14. (currently amended): An access-data-sending program module for a terminal for handling incoming telephone calls for a subscriber line of a telecommunications network while an online data-network session of the terminal is blocking the subscriber line, said program module containing program code which can be executed by a processor in the terminal, the program module comprising:

receiving code for receiving from an access device of an online data network current access data which the access device sends to the terminal in the course of the setting-up of a connection to the online data network via the subscriber line, and

sending code for sending the current access data to a service computer of the telecommunications network, which with the aid of the access data can supply at least one predetermined service for the purpose of processing an incoming call waiting at a switching ~~centre~~ center due to the online data-network session of the terminal blocking the subscriber line.

15. (currently amended): A program module for a terminal for handling incoming telephone calls for a subscriber line of a telecommunications network while an online data-

network session of the terminal is blocking the subscriber line, said program module containing program code which can be executed by a processor in the terminal, the program module comprising:

receiving code for receiving instructions from a service computer which the service computer sends off to the terminal with a view to supplying at least one predetermined service for the purpose of processing the incoming call, which is waiting at a switching ~~centre~~center due to the online data-network session of the terminal blocking the subscriber line, with the aid of access data which the service computer has received from the terminal after a connection from the terminal to the online data network has been set up via the subscriber line, and

execution code for executing the instructions.

16. (previously presented): A memory storing an access-data-sending program module according to Claim 14.

17. (previously presented): A memory storing a program module according to Claim 15.

18. (previously presented): A process according to Claim 1, wherein the switching center signaling to the service computer the fact that an incoming call destined for the subscriber line is waiting is performed without forwarding the incoming call to the service computer.

19. (currently amended): A service computer according to Claim 10, wherein the switching ~~centre~~center signals to the service computer the fact that the incoming call destined for the subscriber line is waiting without forwarding the incoming call to the service computer.

20. (currently amended): A switching center according to Claim 11, wherein the transmitter is configured in such a way that the switching ~~centre~~center can send the message to the service computer if the incoming call destined for the subscriber line is waiting while the subscriber line is blocked by an online data-network session of the terminal without forwarding the incoming call to the service computer.

21. (currently amended): A terminal according to claim 12, wherein the incoming call waiting at the switching ~~centre~~center is not forwarded to the service computer.

22. (currently amended): A terminal according to claim 13, wherein the incoming call waiting at the switching ~~centre~~center is not forwarded to the service computer.

23. (currently amended): An access-data-sending program module according to claim 14, wherein the incoming call waiting at the switching ~~centre~~center is not forwarded to the service computer.

24. (currently amended): A program module according to claim 15, wherein the incoming call waiting at the switching ~~centre~~center is not forwarded to the service computer.